Welcome to STN International! Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

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NEWS	3	May 12	EXTEND option available in structure searching
NEWS	4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
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NEWS EXPRESS	JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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NEWS INTER	General Internet Information
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* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:01:34 ON 12 AUG 2004

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=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 10:01:51 ON 12 AUG 2004
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DICTIONARY FILE UPDATES:  11 AUG 2004  HIGHEST RN 725685-10-9

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Program Files\Stnexp\Queries\10796673.str

L1      STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1              STR
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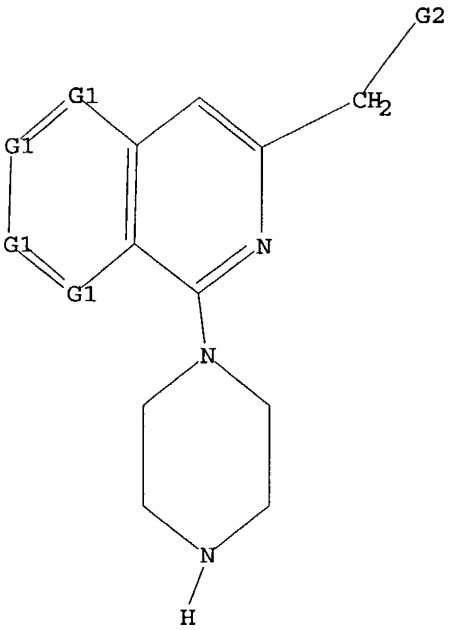

G1 N,CH

G2 Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

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FULL SCREEN SEARCH COMPLETED -   3737 TO ITERATE

100.0% PROCESSED    3737 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01

L2            0 SEA SSS FUL L1

=> log y
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               155.42     155.63

STN INTERNATIONAL LOGOFF AT 10:02:37 ON 12 AUG 2004
```

```
Welcome to STN International!  Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  May 12   EXTEND option available in structure searching
 NEWS  4  May 12   Polymer links for the POLYLINK command completed in REGISTRY
 NEWS  5  May 27   New UPM (Update Code Maximum) field for more efficient patent
                   SDIs in CAplus
 NEWS  6  May 27   CAplus super roles and document types searchable in REGISTRY
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                   and WATER from CSA now available on STN(R)
 NEWS  9  Jul 12   BEILSTEIN enhanced with new display and select options,
                   resulting in a closer connection to BABS
 NEWS 10  Jul 30   BEILSTEIN on STN workshop to be held August 24 in conjunction
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                   fields
 NEWS 12  AUG 02   CAplus and CA patent records enhanced with European and Japan
                   Patent Office Classifications
 NEWS 13  AUG 02   STN User Update to be held August 22 in conjunction with the
                   228th ACS National Meeting
 NEWS 14  AUG 02   The Analysis Edition of STN Express with Discover!
                   (Version 7.01 for Windows) now available
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                   STN Express with Discover! will change September 1, 2004

 NEWS EXPRESS  JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
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FILE 'HOME' ENTERED AT 10:04:41 ON 12 AUG 2004
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```
=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 10:04:58 ON 12 AUG 2004
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STRUCTURE FILE UPDATES:   11 AUG 2004  HIGHEST RN 725685-10-9
DICTIONARY FILE UPDATES:  11 AUG 2004  HIGHEST RN 725685-10-9

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http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading c:\program files\stnexp\queries\10796673.1

L1      STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1              STR
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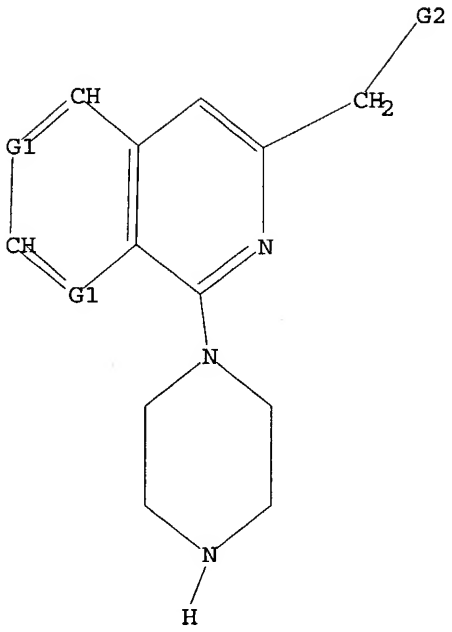

G1 N,CH

G2 Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

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FULL SCREEN SEARCH COMPLETED -   1790 TO ITERATE

100.0% PROCESSED    1790 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.01

L2            0 SEA SSS FUL L1

=> log y
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                              ENTRY    SESSION
FULL ESTIMATED COST                          155.42     155.63

STN INTERNATIONAL LOGOFF AT 10:05:26 ON 12 AUG 2004
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Welcome to STN International! Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
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FILE 'HOME' ENTERED AT 10:07:08 ON 12 AUG 2004

```
=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 10:07:18 ON 12 AUG 2004
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DICTIONARY FILE UPDATES:  11 AUG 2004  HIGHEST RN 725685-10-9

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=>
Uploading c:\program files\stnexp\queries\10796673.2

L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1              STR
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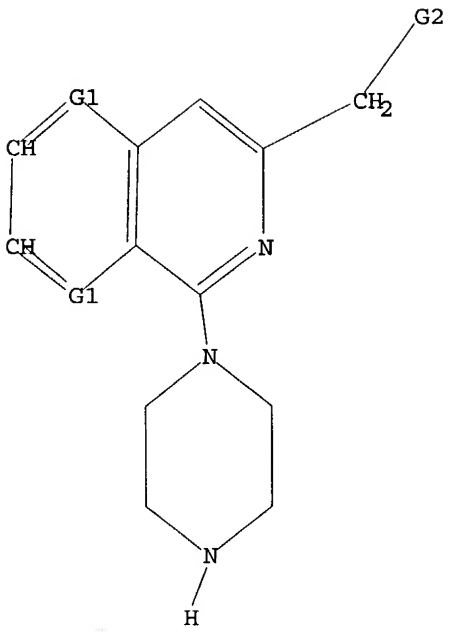

G1 N,CH

G2 Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 sss full
FULL SEARCH INITIATED 10:07:42 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   3390 TO ITERATE

100.0% PROCESSED    3390 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L2            0 SEA SSS FUL L1

=> log y
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                             155.42     155.63

STN INTERNATIONAL LOGOFF AT 10:07:47 ON 12 AUG 2004
```

Welcome to STN International! Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

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FILE 'HOME' ENTERED AT 10:10:27 ON 12 AUG 2004

```
=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

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DICTIONARY FILE UPDATES:  11 AUG 2004  HIGHEST RN 725685-10-9

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information enter HELP PROP at an arrow prompt in the file or refer
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=>
Uploading c:\program files\stnexp\queries\10796673.3

L1      STRUCTURE UPLOADED

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L1 HAS NO ANSWERS
L1              STR
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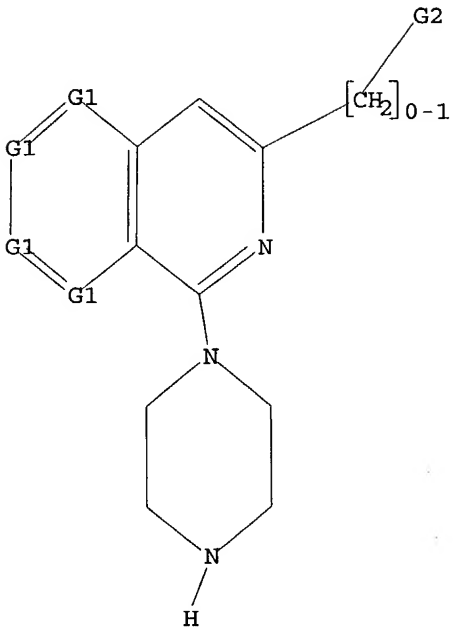

G1 N,CH

G2 Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

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FULL SCREEN SEARCH COMPLETED -  19524 TO ITERATE

100.0% PROCESSED   19524 ITERATIONS                                5 ANSWERS
SEARCH TIME: 00.00.01

L2             5 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   155.42     155.63

FILE 'CAPLUS' ENTERED AT 10:11:21 ON 12 AUG 2004
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```

FILE COVERS 1907 - 12 Aug 2004 VOL 141 ISS 7
FILE LAST UPDATED: 11 Aug 2004 (20040811/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

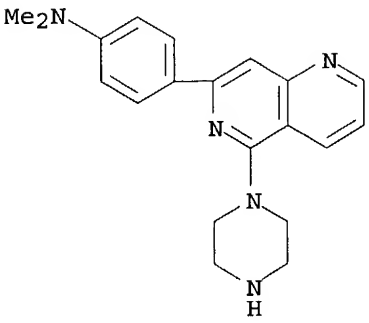
=> s l2
L3 2 L2

=> d l3 fbib hitstr abs total

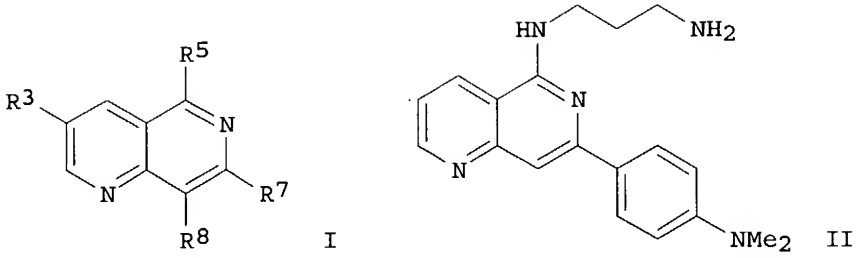
L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:551515 CAPLUS
DN 139:117410
TI 1,6-Naphthyridines useful as inhibitors of SYK kinase, and their preparation, pharmaceutical compositions, and use in the treatment of allergic and inflammatory conditions
IN Cywin, Charles L.; Jakes, Scott E.; Heider, Joachim; Bobko, Mark A.; Des Jarlais, Renee L.; Player, Mark; Rinker, James; Winters, Michael; Zhao, Bao-Ping
PA Boehringer Ingelheim Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	WO 2003057695	A1	20030717	WO 2002-US38375		20021203
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
				US 2001-29714	A	20011221
	US 2003158195	A1	20030821	US 2001-29714		20011221
	US 2003229090	A1	20031211	US 2003-413980		20030415
				US 2001-29714	A1	20011221

OS MARPAT 139:117410
IT **562106-42-7P**, 5-(Piperazin-1-yl)-7-[4-(dimethylamino)phenyl]-[1,6]naphthyridine
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of naphthyridines as inhibitors of SYK kinase for treatment of allergic and inflammatory conditions)
RN 562106-42-7 CAPLUS
CN Benzenamine, N,N-dimethyl-4-[5-(1-piperazinyl)-1,6-naphthyridin-7-yl]-(9CI) (CA INDEX NAME)



GI



AB Compds. of formula I are disclosed [wherein: R3 = H, C1-3 alkyl, halo, or Ph; R5 = NR9R10 or OR11; R9 = H or C1-3 alkyl; R10 = (un)substituted aminoalkyl or hydroxyalkyl where the alkyl may be substituted or mono-heteroatom-replaced; or NR9R10 = (un)substituted heterocycloalkyl; R11 = (un)substituted aminoalkyl, alkoxyalkyl, or hydroxyalkyl where the alkyl may be substituted or mono-heteroatom-replaced; or R11 = cycloalkyl, heterocycloalkyl, heteroaryl, cycloalkylalkyl, heterocycloalkylalkyl, arylalkyl, or heteroarylalkyl; R7 = (un)substituted Ph, naphthyl, furyl, thienyl, pyridyl, indolyl, benzothiazolyl or pyrrolyl; R8 = H, halo, or cyano; with the proviso that R3 ≠ H and R8 ≠ H when R7 = methoxy-substituted Ph and R5 = 4-ethylpiperazin-1-yl; or a pharmaceutically acceptable salt]. I are useful as inhibitors of SYK kinase, and are thus useful for treating diseases resulting from inappropriate mast cell activation. Such diseases would include allergic and inflammatory diseases. Also disclosed are pharmaceutical compns. comprising compds. I, and processes for preparing I. Synthetic examples (28) cover both invention compds. and intermediates, and approx. 100 individual compds. I are claimed per se. For instance, 2-methylnicotinic acid was lithiated with 2.5 equiv LDA and cyclocondensed with 4-(Me2N)C6H4CN to give 7-(4-dimethylaminophenyl)-[1,6]naphthyridin-5-ol. This 5-hydroxy compound was treated with POCl3 to give the 5-chloro analog, which reacted with 1,3-diaminopropane to give invention compound II. In an assay for inhibition of SYK kinase activity as measured using DELFIA, all disclosed compds. I had IC50 values below 30 μM, and preferred compds. had values below 1 μM.

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:244638 CAPLUS

DN 130:311813
TI Preparation of piperazinylisoquinolines and analogs as serotonin antagonists
IN Ueno, Kohshi; Sasaki, Atsushi; Kawano, Koki; Okabe, Tadashi; Kitazawa, Noritaka; Takahashi, Keiko; Yamamoto, Noboru; Suzuki, Yuichi; Matsunaga, Manabu; Kubota, Atsuhiko
PA Eisai Co., Ltd., Japan
SO PCT Int. Appl., 740 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	WO 9918077	A1	19990415	WO 1998-JP4465		19981002
	W: US					
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
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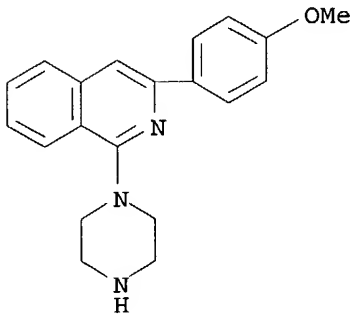
	JP 2000053647	A2	20000222	JP 1998-281752		19981002
				JP 1997-284290	A	19971002
				JP 1998-153416	A	19980602
	EP 1020445	A1	20000719	EP 1998-945593		19981002
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI					
				JP 1997-284290	A	19971002
				WO 1998-JP4465	W	19981002
	US 6340759	B1	20020122	US 2000-509778		20000331
				JP 1997-284290	A	19971002
				WO 1998-JP4465	W	19981002
	US 2002013460	A1	20020131	US 2001-852850		20010511
				JP 1997-284290	A	19971002
				WO 1998-JP4465	W	19981002
				US 2000-509778	A3	20000331

OS MARPAT 130:311813
IT **223553-55-7P 223554-49-2P 223554-62-9P 223554-64-1P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of piperazinylisoquinolines and analogs as serotonin antagonists)
RN 223553-55-7 CAPLUS
CN Isoquinoline, 3-(4-methoxyphenyl)-1-(1-piperazinyl)- (9CI) (CA INDEX NAME)



RN 223554-49-2 CAPLUS
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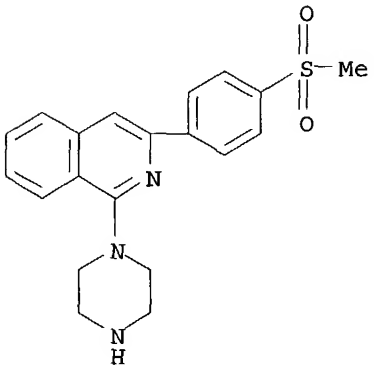
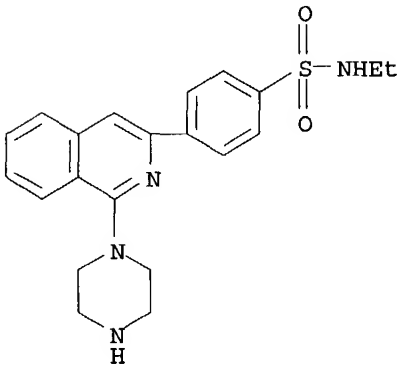
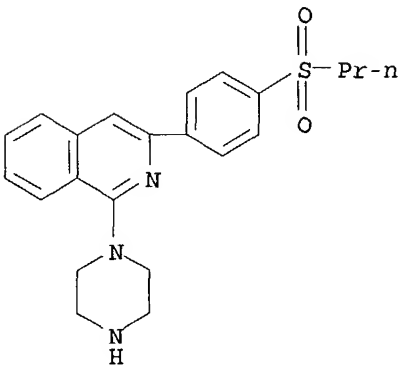


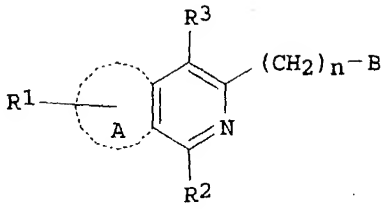
RN 223554-62-9 CAPLUS
CN Benzenesulfonamide, N-ethyl-4-[1-(1-piperazinyl)-3-isoquinolinyl]- (9CI) (CA INDEX NAME)



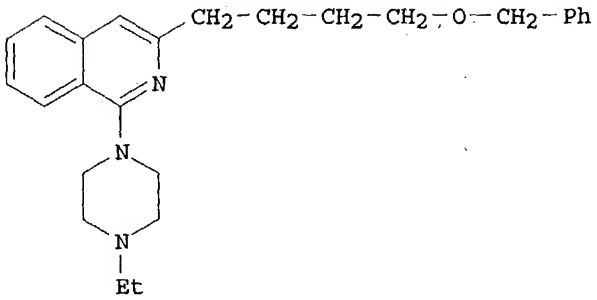
RN 223554-64-1 CAPLUS
CN Isoquinoline, 1-(1-piperazinyl)-3-[4-(propylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



GI



I



II

AB The title compds. I [ring A = benzene, pyridine, thiophene or furan ring; B = (un)substituted aryl, etc.; R1 = H, halo, etc.; R2 = 4-morpholinyl, etc.; R3 = H, halo, etc.; n = 0, or 1 - 6] are prepared I are central muscle relaxing drugs for treating, ameliorating or preventing spastic paralysis or ameliorating myotonia. In an in vitro test for 5HT1 receptor antagonism, the title compound II showed the Ki value of 21.2 nM.

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT